



Heavy Weight Vapour Permeable Sarking for Roof Applications



Product Description

ProctorWrap™ HTR is a heavy weight, UV stabilised, tear resistant 3-ply spun-bonded polyolefin membrane with reinforcement scrim. ProctorWrap HTR meets the requirements of AS/NZS 4200.1:2017 and is suitable for use in roof and wall applications.

Applications

ProctorWrap HTR is medium duty classification and suitable for use underneath metal sheet, slate and tiled roofs. Being heavier weight, ProctorWrap HTR is commonly used for pitched roofs, heritage projects, and under natural slate and tiled roofs where during construction the membrane is exposed to higher levels of foot traffic and wind loads. ProctorWrap HTR can significantly reduce the risk of condensation in the roof space, when designed and installed correctly. HTR is suitable for use in BAL regions 12.5 to 40 in accordance with AS 3959.

Installation

ProctorWrap HTR should be installed in accordance with AS/NZS 4200.2 Pliable Building Membranes and Underlays, Part 2 Installation Requirements and in full accordance with the product installation guide. ProctorWrap HTR must be installed with the printed surface facing outwards.

Durability

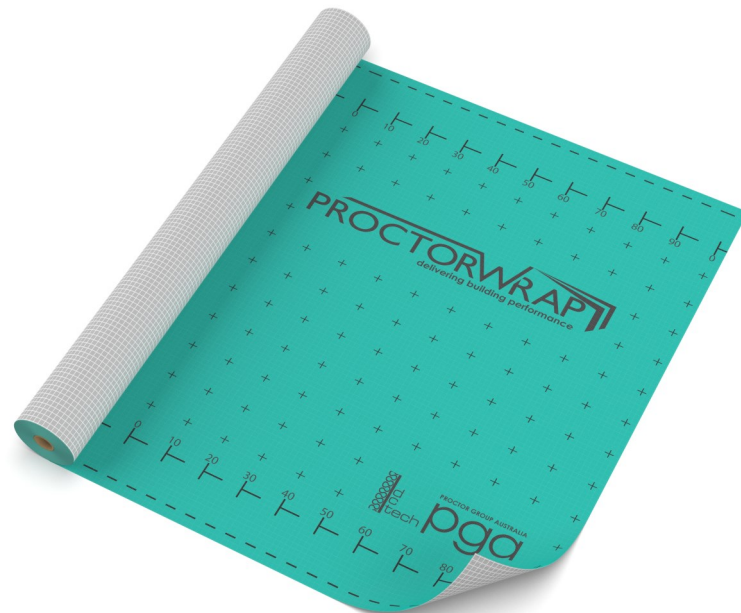
Although ProctorWrap HTR can be used as temporary protection during construction, it is not a waterproof membrane as classified by AS 4654.2. The product may be damaged by careless handling, high winds or vandalism. Any damaged areas should be replaced before completion. To ensure maximum long term durability, ensure that ProctorWrap HTR is covered up by the primary roofing or cladding material as soon as possible, and not left exposed to UV for longer than 2 months.

Health & Safety

Information on any known health risks of the material are listed in the Material Safety Data Sheets available from Proctor Group Australia. Follow all guidance and industry good practice guidelines. In particular pay attention to the disposal of the packaging which presents a slip hazard.

Product Performance

ProctorWrap HTR performs to specification in normal building applications when installed in accordance with the Product Installation Guide. The information herein is supplied in good faith and to the best of our knowledge was accurate at the time of publication. Users are advised to make their own determination as to the suitability of this information in relation to their particular purpose and specific requirements.



- High water resistance
- Heavy weight
- High nail tear strength
- Class 4 High vapour permeance
- Medium duty suitability for tiled and metal roof applications
- Exceeds NCC deemed to satisfy condensation management provisions
- Used in Australia since 2009

Heavy Weight Vapour Permeable Sarking for Roof Applications

Technical Data

Criteria	Reference	Result
Duty Classification	Table 1 AS/NZS 4200.1:2017	Medium
Vapour Permeance	AS/NZS 4200.1; ASTM E96	2.647 µg/N.s
Vapour Resistance	AS/NZS 4200.1; ASTM E96	0.4 MN.s/g
	EN 12572/EN 1931 (Sd value)	0.04 m _(-0.02/+0.02) equates to 0.2 MNs/g
Vapour Control Classification	AS/NZS 4200.1:2017	Vapour Permeable - Class 4
Emittance	AS/NZS 4201.5	IR Non-reflective - NN
Water Control Classification	AS/NZS 4201.4	Water Barrier (pass)
Resistance to Dry De-Lamination	AS/NZS 4201.1	Pass
Resistance to Wet De-Lamination	AS/NZS 4201.2	Pass
Shrinkage	AS/NZS 4201.3	Pass < ±0.5%
Folding endurance	AS/NZS 1301.423	Pass MD: ≥2.00 CD: ≥1.7 (log ₁₀ folds)
Flammability Classification	AS/NZS 1530 Part 2	1 (Low ≤5)
Thickness	EN 1849.2	0.99 mm
Burst Strength	AS 2001.2.19:1988	573N
Tensile Strength	AS 1301.448	MD: 11.9 kN/m CD: 8.6 kN/m
Edge Tear Resistance	TAPPI T470	MD: 604 N CD: 458 N
Electrical Conductivity Classification	AS/NZS 4200.1:2017, AS/NZS 3100-2017	Electrically Non-Conductive
Allowable UV exposure prior to completion of cladding		2 months

Sample Specification

Sarking, roofing underlay shall be ProctorWrap HTR vapour permeable sarking membrane, compliant to AS/NZS 4200.1:2017, secured in accordance with the product user guide.

AS/NZS 4200.1:2017 Classifications

- Duty: Medium
- Water Control: Water Barrier
- Vapour control : Class 4 Vapour Permeable

- Flammability: Low AS1530.2 Flammability Index ≤ 5
- Thickness ≤ 1.0mm
- Non-conductive & Non-reflective
- Vapour Permeance to ASTM E96(B) no less than 3.5µg/N.s
- "Breather" perforated foil does not comply with this specification

Dimensions and Accessories

Product	Width (mm)	Length (m)	Area (m²)	Coverage (m²)	Weight (kg/roll)	Rolls/pallet
ProctorWrap HTR	1,500	30	45	40.5	11.8	30/pallet
ProctorWrap HTR	1,500	50	75	67.5	18.5	23/pallet
ProctorWrap HighTack Tape	60	25			9kg/carton	10/carton
Proctor Plasti-Grip Washer	Ø 45mm				2.4kg/carton	1,000/carton